

What is claimed is:

Sub a2
B

1. A storage medium, comprising:
audio data stored in the storage medium; and
catalog information related to the audio data stored in a predetermined area of the storage medium;
wherein the catalog information comprises common catalog data for information commonly applied for the entire audio data recorded on the storage medium, and title catalog data having information corresponding to distinct items of the audio data.
2. The storage medium of claim 1, wherein the catalog information is image information produced according to a digital versatile disk video (DVD-Video) specification, and the storage medium includes an audio region in which the audio data is recorded and an image information record region in which the catalog information is recorded.
3. The storage medium of claim 2, wherein the catalog information comprises:
a still picture for a background image;
a sub-picture for a caption; and
navigation information for controlling the still picture and the sub-picture.
4. The storage medium of claim 2, wherein the audio region for the audio data comprises:
an audio data recording region in which the audio data is recorded; and
an audio information recording region for the entire audio data and/or audio data in units of distinct items of the audio data, in which catalog playback information connecting the audio data to the catalog information during playback is stored.
5. The storage medium of claim 4, wherein the catalog playback information comprises information on a location of the image information recording region in which the catalog information is recorded.

6. The storage medium of claim 5, wherein the catalog playback information further comprises:

a file identifier (ID); and
an auto presentation information table determining a location of the catalog information to be played back corresponding to a predetermined time in accordance with real-time playback information of audio obtained from the audio data during real-time playback.

7. The storage medium of claim 1, further comprising:

an audio region in which the audio data is stored; and
an image information region in which the catalog information is stored.

8. The storage medium of claim 7, wherein:

the audio region comprises
an audio management (AMG) region having management information on the audio data, and
a plurality of audio title sets (ATS) in which the audio data is recorded; and
the image information region comprises
an image management (CMG) region having management information on the catalog information, and
an image title set (CTS) in which at least one title catalog of the catalog information related to each item of the audio data is recorded.

9. The storage medium of claim 8, wherein the CTS comprises information on still pictures formed of a plurality of the title catalogs and sub-pictures relating to the audio data, and navigation information for controlling the information on the still pictures and the sub-pictures.

10. The storage medium of claim 8, wherein the AMG region comprises catalog playback information to connect the audio data and the catalog information during playback.

11. The storage medium of claim 2, further comprising:

an audio region in which the audio data is stored; and
an image information region in which the catalog information is stored.

12. The storage medium of claim 7, wherein:
the audio region comprises
an audio management (AMG) region having management information on the audio data, and
a plurality of audio title sets (ATS) in which the audio data is recorded; and
the image information region comprises
an image management (CMG) region having management information on the catalog information, and
an image title set (CTS) having a plurality of program chains, wherein a first one of the program chains includes the common catalog information, and remaining ones of the programs chains include the title catalog data having information corresponding to each distinct item of the audio data, respectively.
13. The storage medium of claim 8, wherein the AMG region comprises catalog playback information to connect the audio data and the catalog information during playback.
14. The storage medium of claim 1, wherein the storage medium is a digital versatile disk (DVD).
15. The storage medium of claim 1, further comprising:
an audio region in which the audio data is stored and the catalog information is stored in a predetermined area of the audio region; and
an image information region which contains no information.

ADD 92